Nortek EDUCATIONAL FURNITURE AND EQUIPMENT LTD

The UK's No.1 Technical Education Furniture Range

Free Room Planning Service

www.nortekgroup.co.uk/freeroomplanningservice Tel: 01260 298321

In Pursuit of Excellence

Dear Customer,

Welcome to our best ever Technical Education Furniture range designed specifically for the needs of Secondary and Higher Education in the UK.

Our commitment to ongoing innovative product development is driven by the needs of you, our customers, who are aiming to create the most effective Technical Education learning spaces. This has resulted in creation of the most comprehensive and advanced Technical Education range available.

It is our constant objective to bring only the best our company can offer to our customers. In pursuit of that aim and with such an extensive product range available we can provide you with sound technical support and advice from our office and in the field. This includes our free CAD room planning service. Our team truly care about delivering the best service possible.

Most of the products shown here are manufactured in our factory, therefore we have complete quality control over the production processes and the company is ISO 9001 registered.

Thank you for your continued support which enables us to continue to tailor our products and services to your requirements.

We look forward to being of service in the near future.

Yours sincerely.

Rob Minshull CEO

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BSI UKAS QUALITY MANAGEMENT 003
ISO 9001 : 2008 FM 560173

Member of BESA

D&T the design and technology association

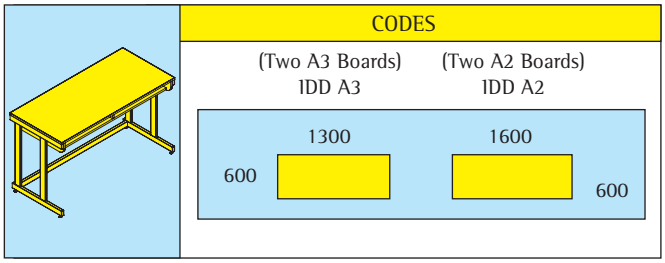
Furniture Industry Research Association Member of FIRA Setting the standards

Integrated Design Desks

Registered European Community Design No. 769187 or 782248

Shown is the A3 version of the desk with optional low voltage trunking converting the design workstation for PECT applications in technology areas.

The common consensus in D&T is that using loose drawing boards results in better quality work but storing and handling of the boards is often considered problematic. Alternatively expensive flip-over dual purpose desks are also less than ideal because the integral boards are poorly positioned and there is an issue regarding the reliability of the moving parts. Our integrated design desks were developed to overcome those problems by providing storage for two Walton Harleston drawing boards which are supplied. When in use they are presented at the optimum ergonomic working position.



Shown with A2 drawing boards

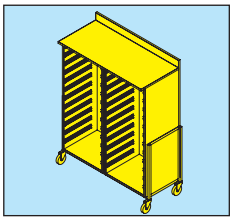
Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

Drawing Board Storage Units

A3

A3 Drawing Board & Tray storage

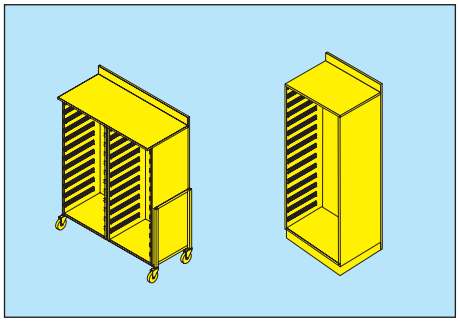
This storage unit caters for twenty four A3 drawing boards, twenty four A3 trays or a combination of drawing board and trays. Available as a mobile unit with braking castors or as a fixed unit with glides.

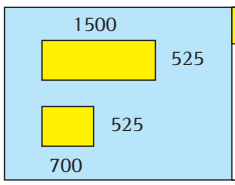


CODES
A3/24
A3/24M

A2 Drawing Board Storage

We manufacture two storage units specifically for Walton Harleston A2 drawing boards. There is a 15 board vertical unit and a 20 board mobile unit which are supplied empty. Boards can be ordered separately.





CODES
A2/20
A2/15

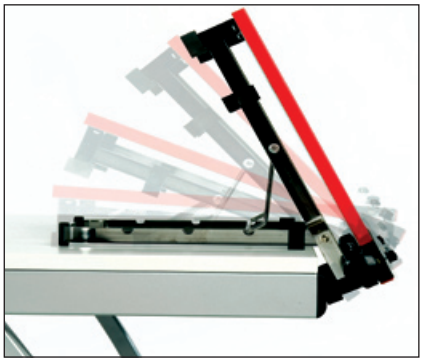
A2

Walton Harleston Boards

Nortek are distributors of Walton drawing boards with their famous patented rack and pinion system controlling the parallel motion which is smooth running and accurate.

The boards locate onto the worksurface overlapping the edge thus providing the most comfortable drawing position.

The chrome plated base frame has slots into which a stay locates, allowing for three fixed angle adjustments up to 60˚.



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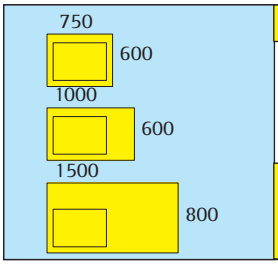
Light Box Workstations

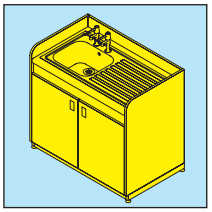
Our A2 size lightbox is integrated into three sizes of workstation which can be fitted with feet or made mobile with the provision of castors. They have a very effective diffuser panel providing even illumination over its surface. Above the diffuser panel is a 6mm toughened glass top panel which is recessed to finish flush with the worksurface.

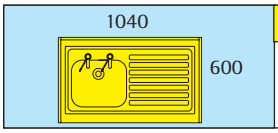


CODES
LB 7560 LB 1060 LB 1580
For castors as shown add suffix 'M"

Sink Unit

This handsome and sturdy stand-alone sink unit is designed to match other Nortek furniture in Design, Graphics and Art rooms. It has integrated splash back upstand panels above the stainless steel sink and a welded tubular steel support framework under the base. The hinged doors are provided with recessed metal handles.





CODE
SU

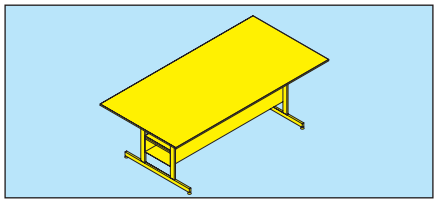
A2 / A3 Folder Storage Rack

This economical rack has 24 x 50mm spaces for A2 or A3 folders on each shelf. Two or three tier models are available with feet or castors.

TYPE	CODE
Two Tier	FR2T
Three Tier	FR3T
	For castors as shown add suffix 'M"

Silk Screen Printing Table

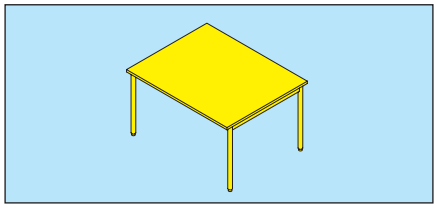
The primary use for this table is for silk screen printing and it is supplied with a 2400 x 1200mm neoprene rubber mat to cover the laminate surface which is stored in a container under the worksurface. Another application in textiles is as a cutting table.



2400 / 1200	CODE
	SLK

Pottery & Modelling Table

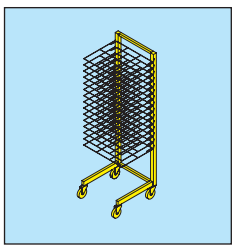
This purpose designed pottery and modelling table has a solid stave Iroko top which is oil finished, supported by a robust tubular steel framework with 50mm diameter legs fitted with screw adjustable feet.



1500 / 1240	CODE
	POTT

Vertical Drying Rack

This 30 shelf mobile art drying rack accommodates a class size of work on plastic coated wire shelves. The shelves are spring free and easy to open accommodating A3 paper and A2 paper with a small overhang. The 100mm diameter castors are provided with brakes to the front pair.



500 / 440	CODE
	A3DR

Deep Bowl Sink Units

These commercial quality stainless steel sink units are provided with a stainless tubular steel support framework and integral stainless steel base shelf. Other models are available, including a double sink unit.

1200 / 600	CODES
	FP10031(LH) FP10032(RH)

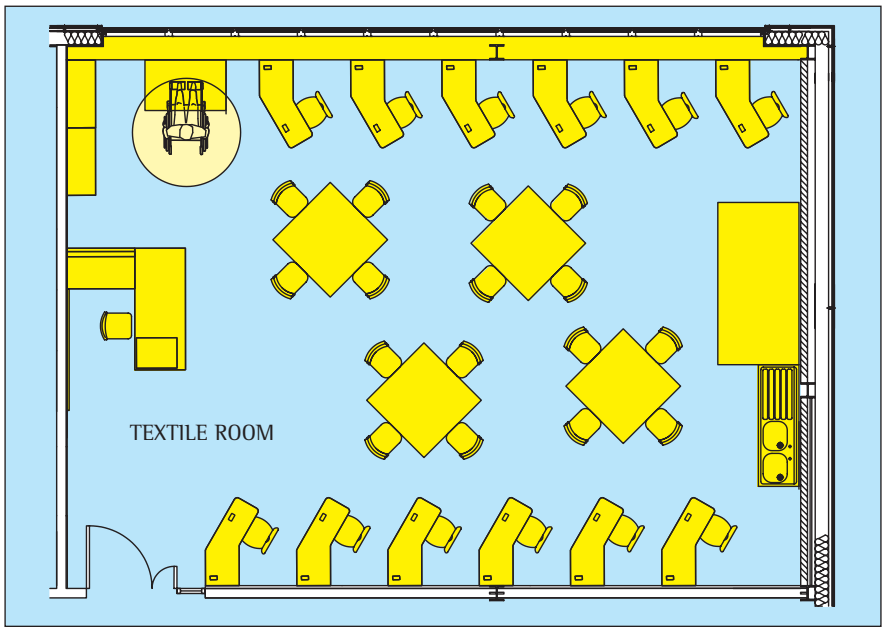
Jake Sewing Machine Table

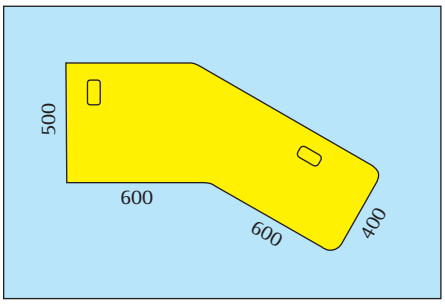
Purpose designed

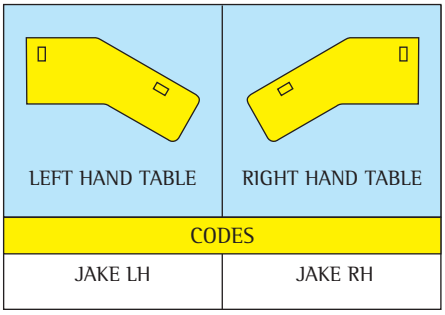
Jake is the U.K.'s first free-standing sewing machine table specifically designed for Key Stages 3 and 4, D.& T., Textiles and Fashion teaching. The clever angled design allows long sections of fabric to hang over the rear edge but away from the pupil in front. The functional size is the most efficient possible thus maximizing the room space.

Jake tables are produced in right and left hand models so that layouts occupying two opposing walls allows the pupils to face the same way as shown in the plan below.

The tables have cable management facilities allowing the foot switch cable to go through the top and the supply cable to clip under it and re-surface at the wall end. A handy storage tray is also provided for tools, scissors, cotton, etc.







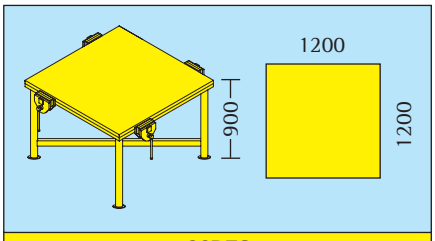
Suitable Seating

The table has two work areas, one where the sewing machine is located and the area next to it. Movement between these two areas is made easy if a suitable height adjustable castor-based swivel chair is used. The VS3963 Panto-Move-LuPo is ideal.

CRAFTWORK 1000 Multimedia Bench

CRAFTWORK 1000 Features

This cost effective multi-media bench system uses the same fully welded heavy duty tubular steel framework as the Craftwork 2000. It has a unique textured phenolic plastic coated top. Available in three configurations, for woodwork alone with four 180mm quick release woodwork vices, for multi-media with two wood and two metalwork vices and for metalwork with four 100mm metalwork vices.



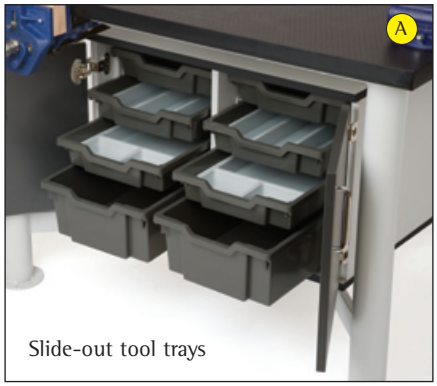
CODES	
Woodwork	CRFT1000W
Multi-materials	CRFT1000MM
Metalwork	CRFT1000M

CODE
MMSC

Legroom Tool Cupboard

Our MMSC Cupboard allows pupils to sit comfortably when the benches are used for alternative applications for example design work. The cupboard is available in a woodgrain finish when fitted on the Craftwork 2000 and in dark/light grey when fitted to the Craftwork 1000. It is double sided with locking doors on both faces.

(A) One compartment is provided with six standard and two double depth plastic trays plus four sectionalised inserts. (B) the other compartment has a shelf or alternatively (C) a slide out pre-perforated tool tray which stores four sets of mallets, chisels, squares, screwdrivers and marking gauges.



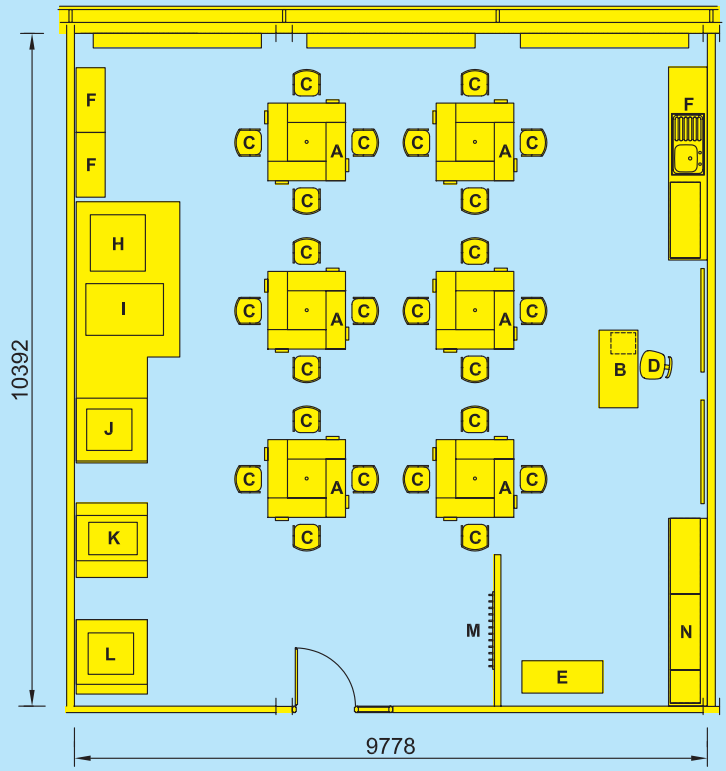
Slide-out tool trays

Shelves in rear compartment

Alternative slide-out tool rack

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

Technology Workshop Installation Example & Room Plan



A. 6 off CRFT Craftwork 2000 Benches

B. 1 off CBW 1560 Teachers desk with Drawer/file unit

C. 24 off VS3429 Super stools

D. 1 off Backrite Teachers chair

E. 1 off Welding bench

F. 2 off AST78W Steel tool cupboard

G. 1 off FP10031 Sink unit

H-L. Machinery by others

M. 1 off Coat rail

N. Existing benching

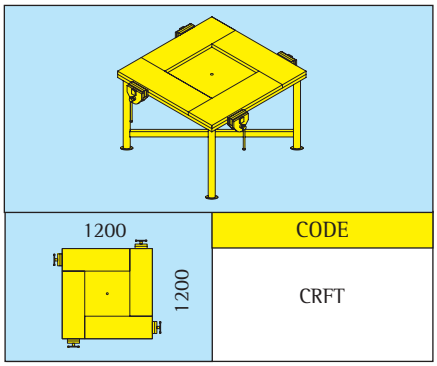
The plan and photograph illustrate a typical technology workshop layout for twenty four pupils. It has the machinery along one wall and Craftwork 2000 woodwork benches in the centre providing ample circulation space. In this installation the benches are also used for seated work and provided with VS Super Stools.

Since that time we have developed a smaller cupboard which makes that application far more comfortable because it provides much needed additional leg room.

CRAFTWORK 2000 Woodworking Bench

CRAFTWORK 2000 Features

The Craftwork 2000 woodworking bench offers a handsome and strong combination of traditional beech and steel. The worksurface is constructed from 40mm thick solid beech with a 30mm down-stand and central reversible tool well. Supplied with four heavy duty woodwork vices with beech jaws. It has a fully welded tubular steel framework with 75mm dia. legs with round plate steel floor mounting feet and base 'X' framing. Standard colour oxblood.

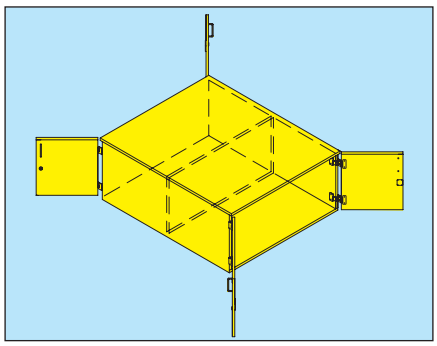


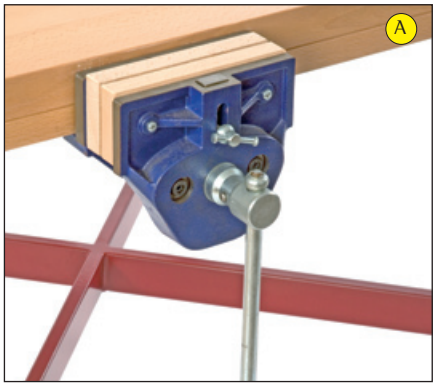
CODE
CRFT

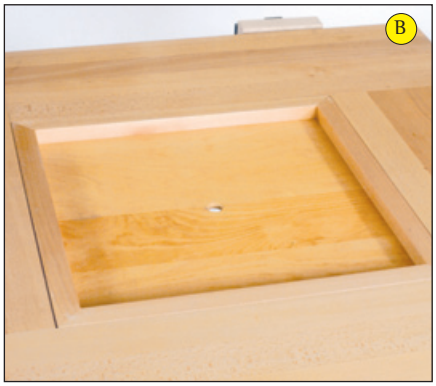
Underbench Cupboard Option

There is an optional, lockable woodgrain finished underbench cupboard which can be used for the secure storage of tools, project work or materials. It fits over the base 'X' frame and is double sided having hinged doors on both sides providing two separate storage compartments.

CODE
MMC







Features

A The heavy duty 175mm woodwork vice is supplied fitted with solid beech jaws and has an integral machined steel, adjustable bench stop. A quick release version of this vice is also available.

B The workstations have a 600 x 600mm central recess in the worksurface which accepts a beech framed tray, this acts as a tool well or reverses to fit flush with the worksurface.

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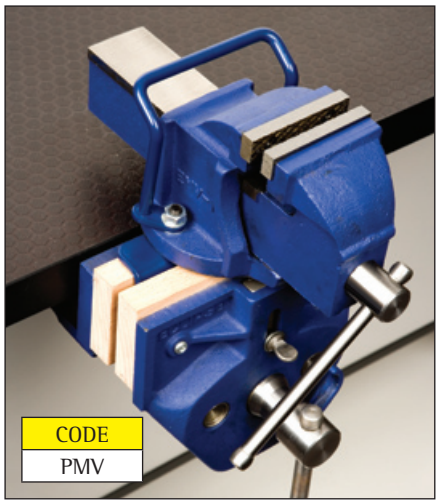
Multi-Materials Conversion

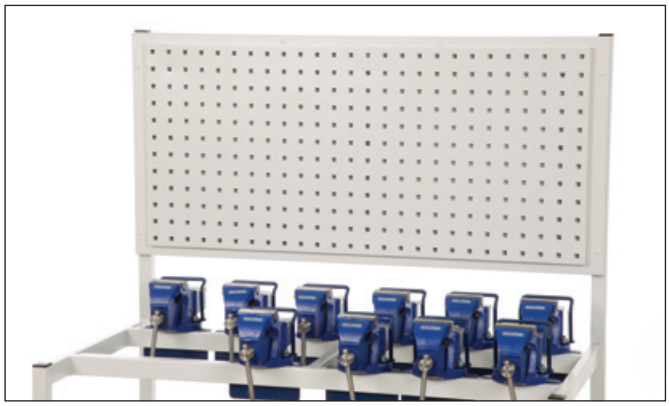
'Piggyback' Metalwork Vices

Woodwork benches can be converted for multi-material use by clamping our 'piggyback' metalwork vices into the woodwork vices. They have an integral steel carry handle for safe handling.



CODE
PMV

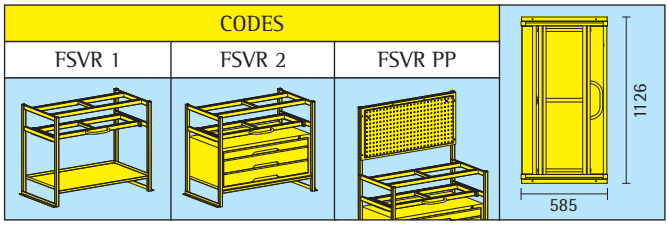
'Piggyback' Metalwork Vice Storage Racks (Floor Fixed)



These floor fixing racks are primarily designed to store 24 Nortek 'piggy back' metalwork vices, 12 on a fixed top rack and 12 on a lower slide out rack. Available with a base shelf or with a 1000 x 550 locking three drawer tool storage cabinet supplied with rubber mats and two sets of drawer dividers.

There is also an upper plug-in tool storage panel which can be added.

CODES		
FSVR 1	FSVR 2	FSVR PP



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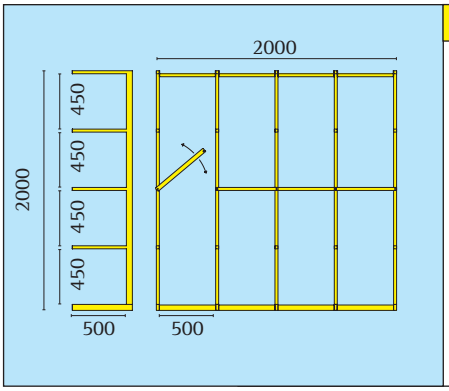
Vertical Storage Rack

This two metre high vertical storage rack is made up of four 500mm wide bays. Each bay has a 500mm square sheet steel base tray and a welded tubular steel upright frame. The mid-way arms are provided with material retaining drop latch rail.

The four bays, whilst being connected via the base trays, are also connected by a longitudinal top member. The rack can be extended in length by fitting additional add-on bays.

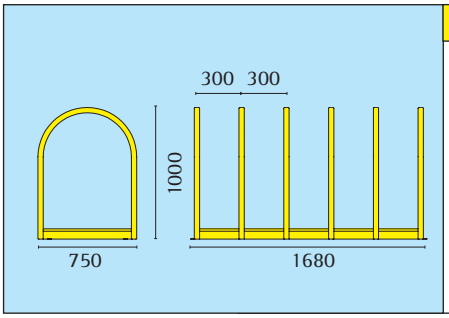
Kindly note that this rack is not designed to be free-standing and for safety reasons requires fixing both to the floor and to the wall.



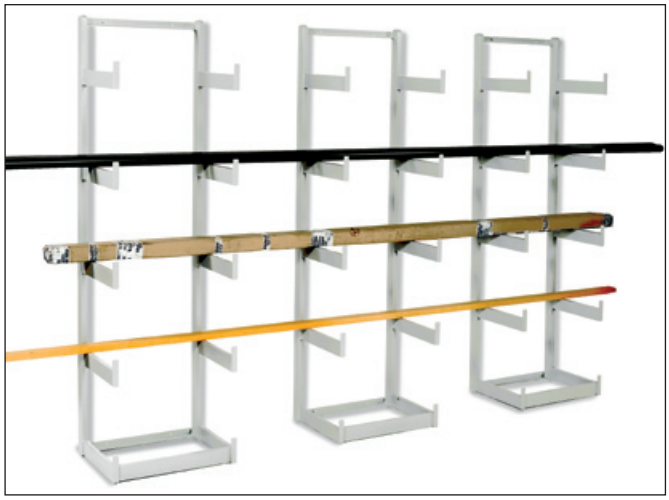
CODES
VSR VSRX (500 extension)

Sheet Material Storage Rack

Our sheet material rack has a fully welded heavy duty tubular steel framework and a continuous panel base shelf. The rack is divided into five 300mm wide storage sections. We recommend that this rack is floor fixed for safety reasons.

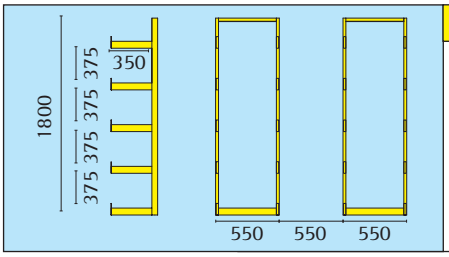


CODE
SMSR



Horizontal Storage Rack

Our horizontal storage rack offers an alternative method of storing long materials. The racking is made up of fully welded heavy duty steel frameworks which have five pairs of 350mm long cantilever support arms (including the base arms) in the height. Each bay is spaced out so that the arms are equally spaced out. This racking requires both wall and floor fixing.



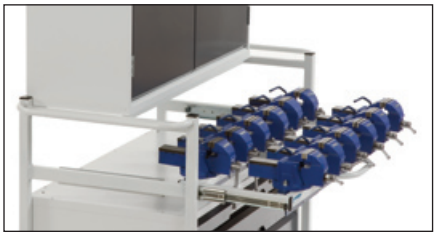
CODE
HSR

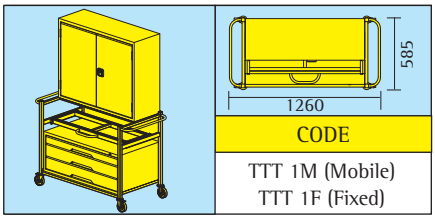
Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

Metalwork/Multimedia

We offer two purposed designed tool storage units for metalwork, woodwork and mulit-media tools. Both are available as mobile units being fitted with heavy duty castors (two braking) and alternatively fitted with floor plates.

The TTT 1 unit has a slide out rack fitted with twelve piggyback metalwork vices which clamp into woodwork vices, an upper steel cupboard with locking doors and perforated tool storage panel. Also a steel three drawer tool storage unit at the base with 1 x 75 and 2 x 125 locking drawers provided with foam rubber mats and two sets of dividers.



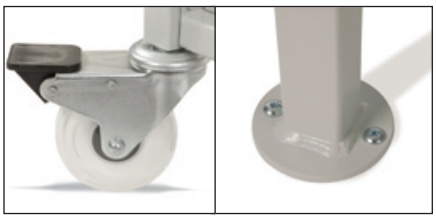


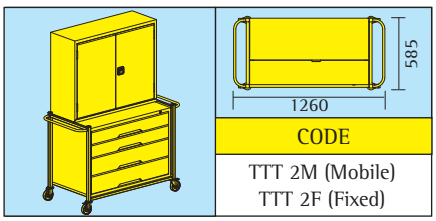
CODE
TTT 1M (Mobile) TTT 1F (Fixed)

Metalwork/Woodwork/Multimedia

The TTT2 tool storage unit has the same upper steel cupboard with locking doors and perforated tool storage panel as the TTT1. There is no 'piggyback' metalwork vice storage facility but a larger steel four drawer tool storage unit at the base with 2 x 125 and 2 x 175 locking drawers. Again the drawers are provided with foam rubber mats and two sets of dividers.

This versatile tool storage can be fitted out for woodwork, metalwork or multi-media applications.



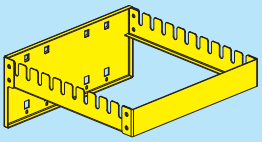


CODE
TTT 2M (Mobile) TTT 2F (Fixed)

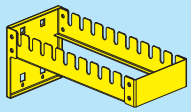
Tool Mounting Kits

Metalwork Kit

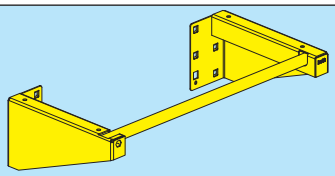
This kit accommodates a broad range of metalworking tools in a number of bespoke multi-tool brackets and holders designed for educational applications. Other tools are stored in the drawers.



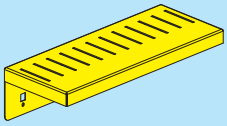
2x 10 Way Hacksaw Bracket



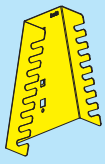
2x 10 Way Junior Hacksaw Bracket



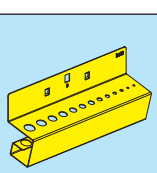
1x G Clamp Rail



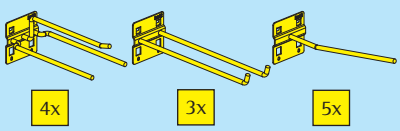
1x 12 Way Try Square Bracket



1x 8 Way Spanner Bracket



1x Drill Holder (2 - 15mm dia.)

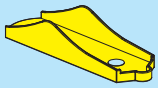


3 Prong, 2 Prong & Single Prong Tool Holders

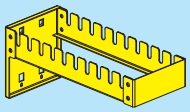
KIT CODE	MWTK

Woodwork Kit

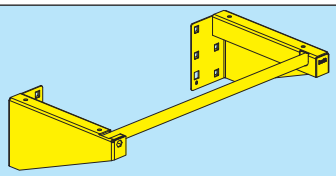
This range accommodates a broad range of tools used in woodwork and plastics in a number of bespoke multi-tool brackets and holders designed for educational applications. Other tools are stored in the drawers.



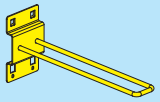
8x Magnetic Plane Shoes



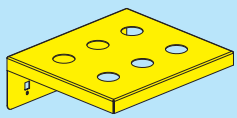
2x 10 Way Coping Saw Bracket



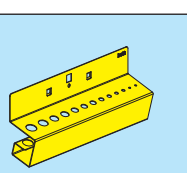
1x G Clamp Rail



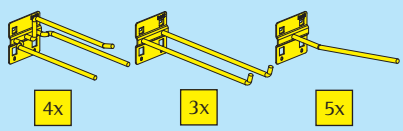
6x Wood Chisel Loops



2x 6 Way Marker Gauge Brackets



1x Drill Holder (2 - 15mm dia.)

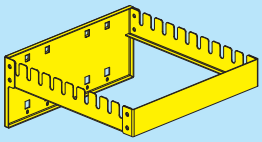


3 Prong, 2 Prong & Single Prong Tool Holders

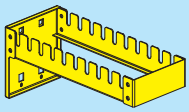
KIT CODE	WWTK

Multimedia Kit

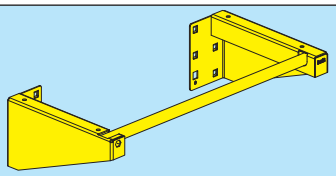
This has a mixture of metalwork and woodwork/ plastics multi-tool brackets and holders as used in multi-media/materials applications. Other tools are stored in the drawers.



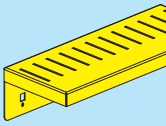
1x 10 Way Hacksaw Bracket



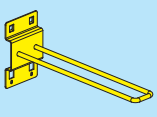
1x 10 Way Junior Hacksaw Bracket



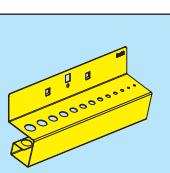
1x G Clamp Rail



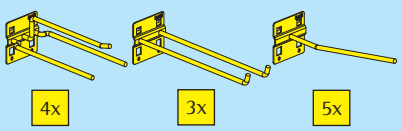
1x 12 Way Try Square Bracket



3x Wood Chisel Loops



1x Drill Holder (2 - 15mm dia.)



3 Prong, 2 Prong & Single Prong Tool Holders

KIT CODE	MMTK

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

Hegner Fretsaw Workstation System

Side bench shown with a UBC underbench cupboard which contains twenty plastic trays.

This unit has been fully tested and is compliant with current HSG 258 regulations for controlling airborne contaminants in the classroom.

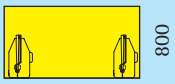
Application

Our market leading Hegner fretsaw workstation has a unique automatic dust extraction system which starts when a fretsaw is activated by one of the fixed foot switches. This fully integrated stand alone workstation can be placed anywhere in the room and only needs a single 13A mains socket to power it.
The extraction is the most efficient available as it extracts both from directly under the saw bed and also above the work piece.
The high efficiency cyclone unit uses a 7.2m² folded filter cartridge which can be regularly cleared of clogged dust using the integrated vibro feature and has electrostatically dissipated and earthed flexible hoses. The unit is mounted on a slide-out shelf which is moved forward to empty the dust bag.

Matching Side Benching

We now produce matching side benching to provide a continuous worksurface on which to mount other items such as bench drills. The construction is identical and there is a range of optional storage units which can be added.

Dimensions & Accessories

CODES	
Fretsaw workstation	Side bench
HFSWS	HSB
1500  800	1500 800

Accessories	CODES
Single drawer unit	DR
Three drawer unit	3DR
Cupboard unit	CU
Cupboard / drawer unit	CDU
Underbench cupboard with shelves	UBA
Underbench cupboard with trays	UBC

Basic side bench

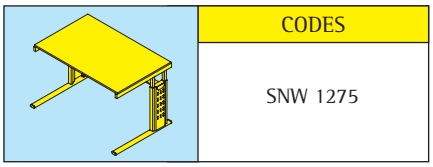
Side bench with cupboard and three drawer unit

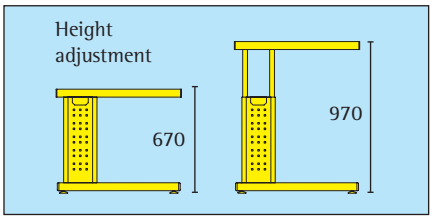
Shown with optional drawing board.

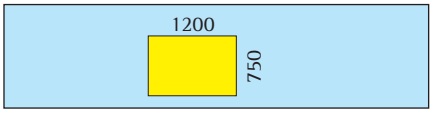
All Nortek special needs variable height workstations are operated by a removable winding handle. A robust duty drive rod engages a bevelled gear box in the right hand leg and is connected to a gear box in the left hand legs by a lateral connecting rod.

Basic Multi-Purpose Workstation

This 1200x750mm basic workstation can be used for a wide range of applications including as shown opposite for designing with the addition of a drawing board.

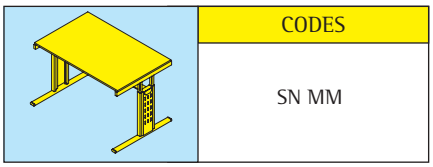


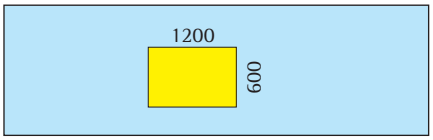


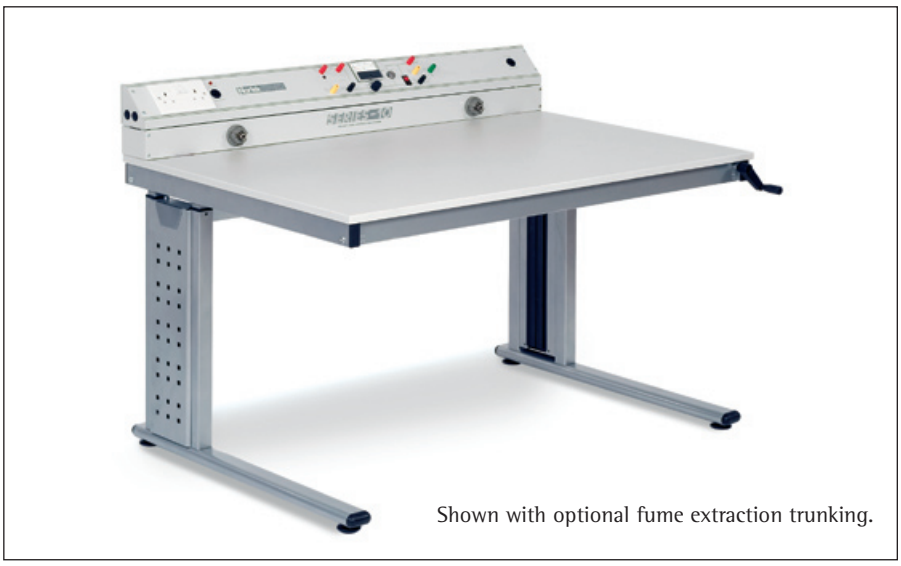


Multi-Materials Workstation

This 1200 x 600mm workstation is fitted with a tough phenolic plastic coated top and is provided with woodwork and metalwork vices. The base is fitted with round steel plates to enable the floor fixing of this workstation



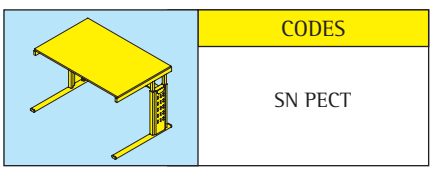


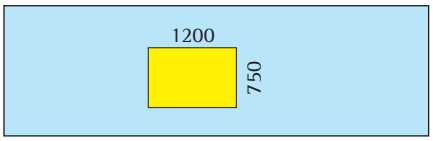


Shown with optional fume extraction trunking.

PECT Workstation

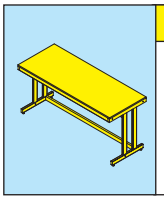
This 1200x750mm workstation for pneumatics, electronics and control technology has MPLVS 1200 mains/low voltage trunking with a 24V soldering iron supply supplied. Fume extraction trunking is also available extra and that requires connecting to a vacuum system.



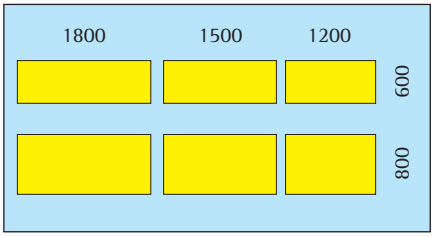


CBW Workstations

This is our most popular workstation range which has been produced by the company for more than twenty years with many thousands of workstations used throughout the U.K.

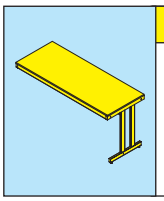


SIZES	CODES
1200 x 600	CBW1260
1500 x 600	CBW1560
1800 x 600	CBW1860
1200 x 800	CBW1280
1500 x 800	CBW1580
1800 x 800	CBW1880

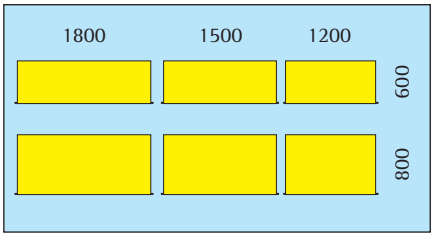


CBW EX Extension Workstations

When installing rows of CBW workstations extension units can be fitted onto freestanding units or themselves with the advantage of making a significant cost saving.

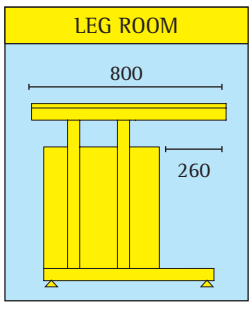


SIZES	CODES
1200 x 600	CBW EX 1260
1500 x 600	CBW EX 1560
1800 x 600	CBW EX 1860
1200 x 800	CBW EX 1280
1500 x 800	CBW EX 1580
1800 x 800	CBW EX 1880

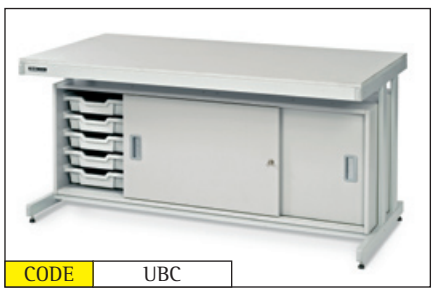


Underbench Cupboards

These cupboards are designed to provide a general storage facility for a wide range of applications. They are produced in two configurations, the UBA has shelves and the UBC is supplied with 20 trays.



Nortek were the originators of this concept which affectively utilises the otherwise dead space under workstations and produces useful storage in small rooms.
Designed to fit our 1500 x 800mm (CBW1580) workstation (not the extension), they still provide ample leg room even for adults. Both models are fitted with smooth running sliding doors, provided with a lock and recessed anodised aluminium handles.



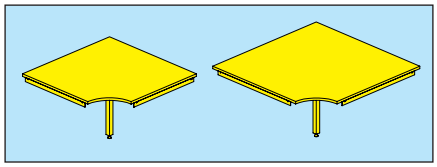
The UBA cupboard has shelves and the UBC cupboard is divided into four sections each provided with five plastic foolscap size trays on individual runners. The twenty trays provide organised storage for a wide range of materials and also for project work.

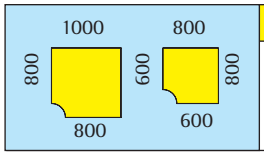
Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

Complementary Tables For CBW and ICON Workstations

Corner Tables

Our corner tables connect adjacent runs of workstations available in two models, to suit 600 and 800mm widths. The inside radius allows chair space in the corners for adjacent users.



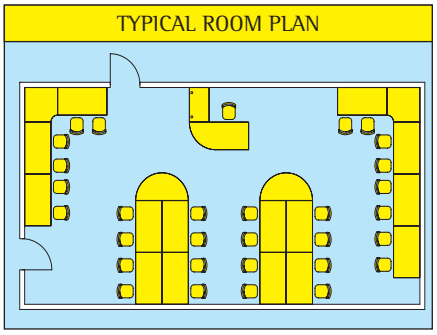


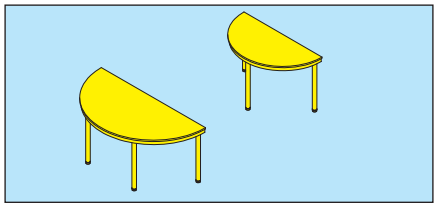
CODES
RTC80
RTC100

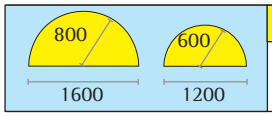
Half-Round End Tables

The half-round end tables are designed to terminate back to back peninsulas of 600mm and 800mm wide workstations. They can also be used together to produce large round tables.

TYPICAL ROOM PLAN





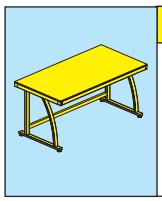


CODES
HRT1200
HRT1600

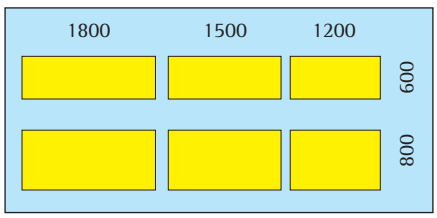
Icon Workstation Range

ICON Workstations

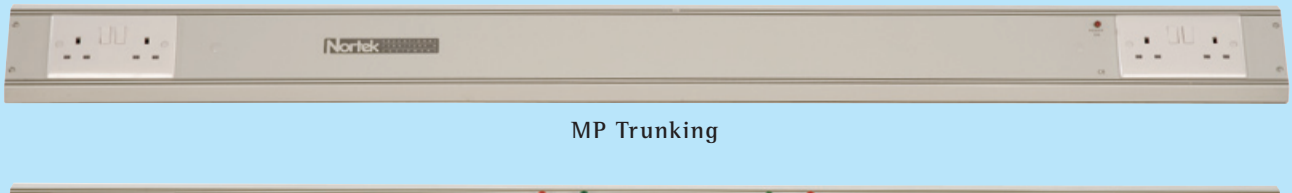
One of our 'new generation products' designed to suit the outstanding modern architecture used in the UK's new schools provided in PFI, Academy and Schools for the Future programmes.



SIZES	CODES
1200 x 600	ICON1260
1500 x 600	ICON1560
1800 x 600	ICON1860
1200 x 800	ICON1280
1500 x 800	ICON1580
1800 x 800	ICON1880



Pneumatic, Electronic & Control Technology (PECT) Trunking



MP Trunking

MPELV Trunking

MPLV Trunking

The UK's Most Reliable Low Voltage Trunking Systems

We have been manufacturing educational mains and low voltage trunking for more than 20 years and have supplied over 10,000 units to educational establishments in that time. Most of these units are still in use and system failures are practically unheard of so we can truly claim that we supply the most reliable low voltage trunking systems available in the UK.

The rugged steel constructed body and facia panel are assembled with tamper proof screws, requiring a dedicated driver (supplied). The trunking is modular and designed to mix and match types together into continuous runs including corner sections using joining brackets. The low voltage electronics have affective and safe short circuit protection built-in which immediately shuts the supply down if a short is introduced and re-sets when that is removed. The system is now provided with a buzzer alarm when a short circuit is produced.

Outstanding Benefits

- Proven reliability – 10 years warranty.
- Over 10,000 units in use currently.
- Best value in the UK – Lowest prices.
- Rugged, tamperproof and safe.
- Modular mix and match types into continuous runs including corner sections.
- Short circuit alarm

MP Trunking

Our trunking provides mains power only. They are fitted with two twin 13A switched sockets internally wired. Available also with 24v soldering iron sockets and other standard options.

MPELV Trunking

Our MPELV trunking is an entry level basic mains and low voltage range but with the same reliability and short circuit protection as the most advanced MPLV range. It has two twin 13A switched sockets internally wired and key switch controlled low voltage facilities being a fixed 5 volt and stepped 5, 9, 12 and 15 volts dc dual rail supply. Also available with two 24volt dc soldering iron sockets and other standard options.

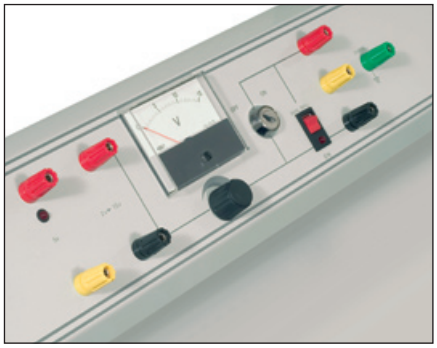
- Stabilised fixed + 5 volts DC @ l Amp.
- Stabilised switched +/- 5,9,12 & 15 volts DC @ 1 Amp supply.
- Short circuit-protection at approx 0.7 amps.
- Short circuit indication alarm buzzer sounding
- Ripple and noise < 10m volts typical.
- Tamper proof screws retain the trunking facia.

MPLV Trunking

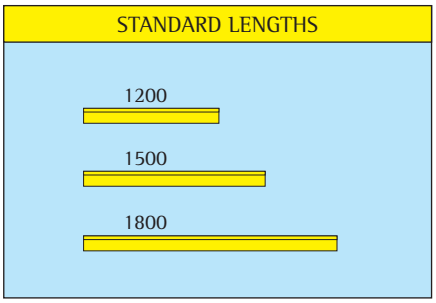
Our premier MPLV trunking is the best of its kind available and backed by a long and impressive service track record demonstrating that it is ultra reliable. It has two twin 13A switched sockets internally wired and key switched and short circuit protected low voltage facilities. These are a 5 volt dc supply and dual rail +/- 2-15 volt variable supply set by reading the accurate analogue volt meter. The dual rail supply is switch controlled and when off doubles the output from 1 amp to 2 amps. Now fitted with a buzzer alarm when the low voltage supplies are short circuited.

- Stabilised fixed + 5 volts DC @ 1 Amp supply.
- Stabilised variable + 2-15 volts DC Amp supply + 2-15 volts DC 2 Amp supply
- Stabilised variable dual rail +/- 2-15 volt DC l Amp supply.
- Short circuit protection in approx:
  0.7A on the fixed 5 volt supply.
  0.7A on the +/- 2-15 volt dual rail supply.
  1.4A on the + 2-15 volt non dual rail supply.
- Short circuit indication is meter showing zero and buzzer sounding
- Ripple and noise < 10m volts typical.
- Tamper proof screws retain the trunking facia.

Why An Analogue Meter



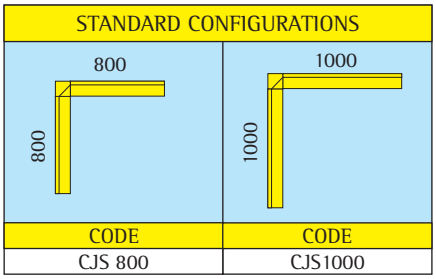
The Nortek range of low voltage trunking has always featured an analogue rather than digital volt meter because we believe that there is a greater educational value in interpreting the analogue reading rather than a series of numbers



PECT Trunking System Standard Options

Corner Trunking Units

Our trunking systems are designed to fit Nortek CBW and ICON workstations in conjunction with our RCT 80 and RCT100 Corner tables. Continuous workstation runs including right angle corners have corner trunking to match those units.



Jointing Brackets

All three types of trunking and corner units are designed to be attached together with internal joining brackets to form continuous runs with ring main connections running through.

End Caps

Trunking is generally connected into runs using jointing brackets as shown previously and caps are fitted to the ends. These have two 20mm holes for mains, pneumatics or data cables.

Flying Leads

Although in the most common instance the Nortek PECT trunking is installed in continuous runs free standing individual sections can be supplied with a flying mains lead and 13A plug.

24v a.c. Soldering Iron Facility

All three types of Nortek PECT Trunking can be fitted with a 24v a.c. soldering iron facility. This is a separately transformed supply powering two sockets on each length. When ordering add suffix S. Example: MPLVS 1500

Pneumatic Check Units

All trunking facias are pre-punched to accept two pneumatic check units which when factory fitted are internally inter-connected. When ordering add suffix P. Example MPLVP 1500.

Computer Networking

Pre terminated network cables can be fed through the trunking and plugged into the rear of an RJ45 double side socket. When ordering add suffix N. Example MPLVN 1500. Matching fire wire and USB sockets also available.

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

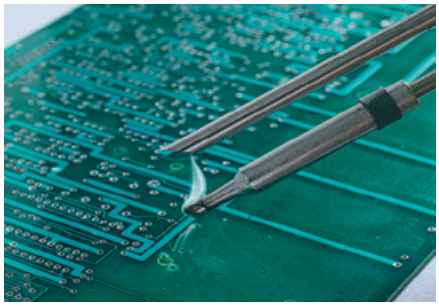
Solder Fume Extraction

Nortek are the originators of an educational solder fume extraction concept system. The fume extraction trunking fits under all of our PECT trunking units including corner sections and attaches end to end. The system is designed to work with 24v a.c. soldering iron facility where soldering irons are fitted with a tip extraction accessory which plugs into the face of the system. Tip extraction is a very efficient method of exhausting solder fumes at source significantly reducing exposure to colophony known to trigger asthma and other health conditions.

STANDARD LENGTHS	CODES
1200	FE 1200
1500	FE 1500
1800	FE 1800

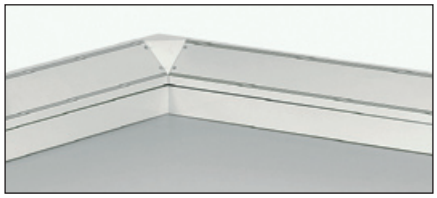
Re-Circulating Air Filtration Unit

The BOFA T15 re-circulating air filtration unit services up to fifteen soldering iron tip extraction units simultaneously. It has a three stage filtration system which is 99.997% efficient with a built-in silencer making the unit very quiet producing only 50dBA. There is also a thirty soldering iron tip air filtration unit available for larger installations.



Corner Fume Extraction Units

These are matching fume extraction corner sections which fit under the two standard corner trunking sections as illustrated below.



STANDARD CONFIGURATIONS			
800 / 800	CODE	CES800	CODE	CES1000
1000 / 1000				

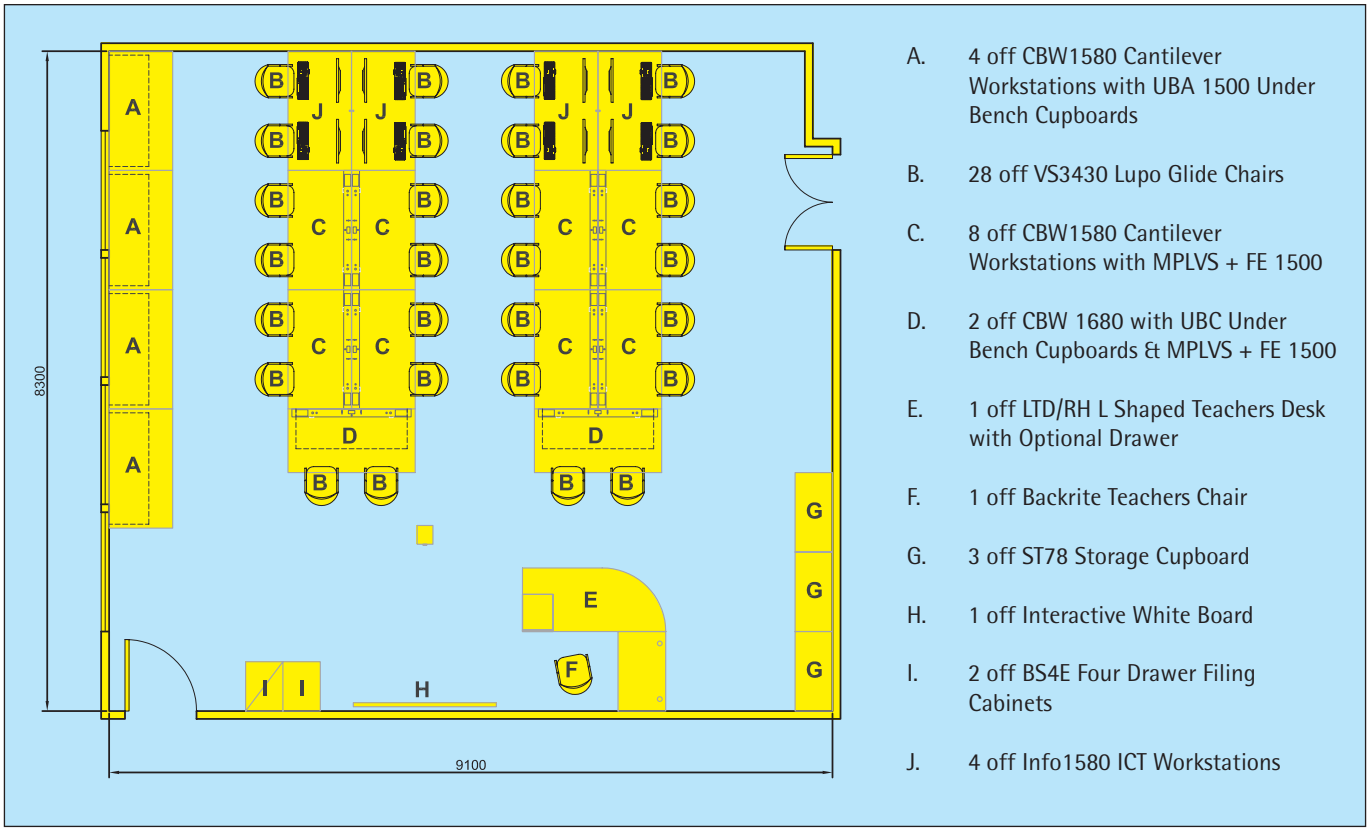
CODE	COMPC

Pneumatic Facilities

We supply BAMBI silent compressors to provide pneumatic supplies in our trunking units. There is also a compressor cupboard which can be fitted to a workstation or supplied as a mobile unit.

CODE	COMPMC

PECT Installation & Room Plan



A. 4 off CBW1580 Cantilever Workstations with UBA 1500 Under Bench Cupboards

B. 28 off VS3430 Lupo Glide Chairs

C. 8 off CBW1580 Cantilever Workstations with MPLVS + FE 1500

D. 2 off CBW 1680 with UBC Under Bench Cupboards & MPLVS + FE 1500

E. 1 off LTD/RH L Shaped Teachers Desk with Optional Drawer

F. 1 off Backrite Teachers Chair

G. 3 off ST78 Storage Cupboard

H. 1 off Interactive White Board

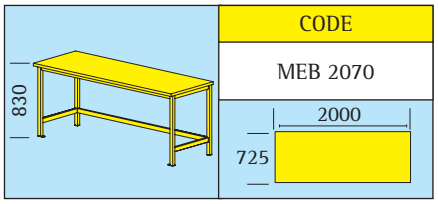
I. 2 off BS4E Four Drawer Filing Cabinets

J. 4 off Info1580 ICT Workstations

An important factor in ensuring that a practical layout is achieved in planning PECT rooms is ensuring that the service feeds suit that plan. This generally means installing PVC trunking or conduit and pipe work above the workstation level to connect mains power, compressed air (if provided by a central compressor), fume extraction pipe work and network facilities as required. The plan above shows a popular layout configuration having double sided peninsulas connecting services at the wall end.

Shown fitted with a range of optional accessories

Nortek has a long established trading relationship with BOTT and this range of benching has been produced in collaboration between the two companies. It is designed specifically for the needs of education and training and provided with a wide range of accessories.



Basic bench

Drawer Unit

A drawer unit which is useful for storing hand tools and small personal items can be fitted on either end.

Engineering Vice

We supply 4"/100mm engineering metalwork vices which can be fitted to the right, left or centre of the bench (supplied loose).

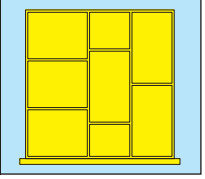
Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

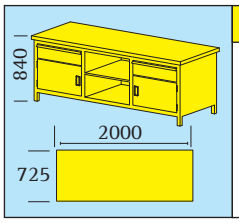
2 cupboards/drawers, mid shelf

This is a good all-round bench with two cupboard spaces, two 150mm drawers, a fixed centre plus adjustable shelf.

Drawer Divider Sets

Two sets included





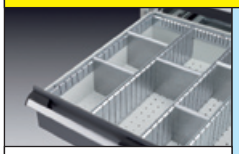
CODE

MEB 2070 A

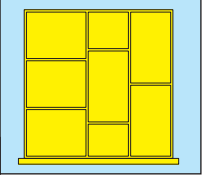
6 drawers, central halfshelf

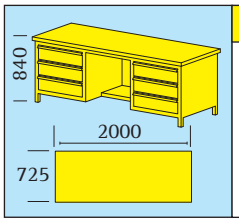
This model is suitable as a tool centre with four 150mm, two 200mm drawers and a fixed centre half shelf.

Drawer Divider Sets



Two sets included





CODE

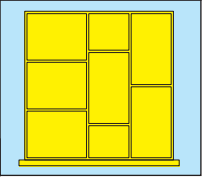
MEB 2070 B

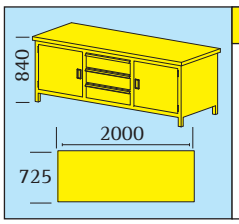
2 cupboards, 3 drawers

This bench offers storage for larger pieces of equipment in the cupboards with two 150mm and a 200mm tool drawers.

Drawer Divider Sets

Two sets included





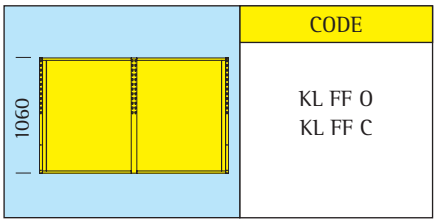
CODE

MEB 2070 C

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

Keylock facility frames

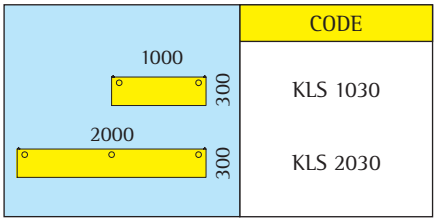
The rear panel accessory attaches with screws into threaded inserts provided in the rear legs of the bench. It is available as an open framework (O) or fitted with infill panels as shown (C).
There is a sheet steel channel fitted to the inside face of the uprights which contain a PVC cable management extrusion.
The framework has a centre section allowing half length accessories such as shelves and bin rails to be fitted.



CODE
KL FF O KL FF C

Keylock shelves

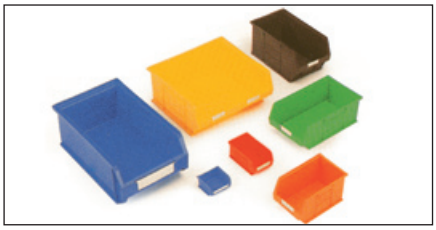
We provide a half and a full length shelf which lock into the keylock facility frame and are fully adjustable in height.
The shelves are supported by a welded heavy duty tubular steel framework fitted with a melamine shelf panel in grey to match the infill panels.
In poor lighting conditions a fluorescent light can be fitted under the shelves to illuminate the work surface.

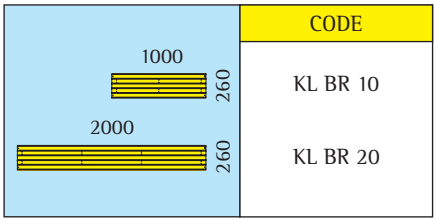


CODE
KLS 1030
KLS 2030

Bin Rail units

Our bin rail units are produced in half and full length sections and support any type of plastic bin with a rear mounting lip.





CODE
KL BR 10
KL BR 20

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

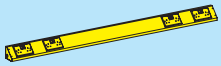
Lighting

Where additional lighting is required there is an optional overhead fluorescent light unit which plugs into the top of the keylock facility frame.
There is also an angle poise fluorescent task light which locks into the keylock upright at a position to suit.
Where fine work is being undertaken there is also a keylock fitting angle poise illuminated magnifier unit.

DESCRIPTION	CODES
A Plug-in overhead light units	KL OHL 20
B Keylock fitting fluorescent task light	KL XL 51
C Keylock fitting illuminated magnifier	KL XL 20

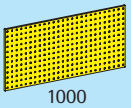
Power Trunking

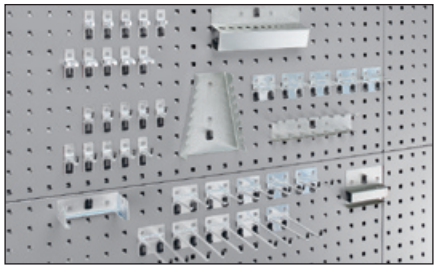
This is a triangular steel trunking unit fitted with four twin 13A switched sockets. Additional sockets, RCD, RJ45 and pneumatics optional.

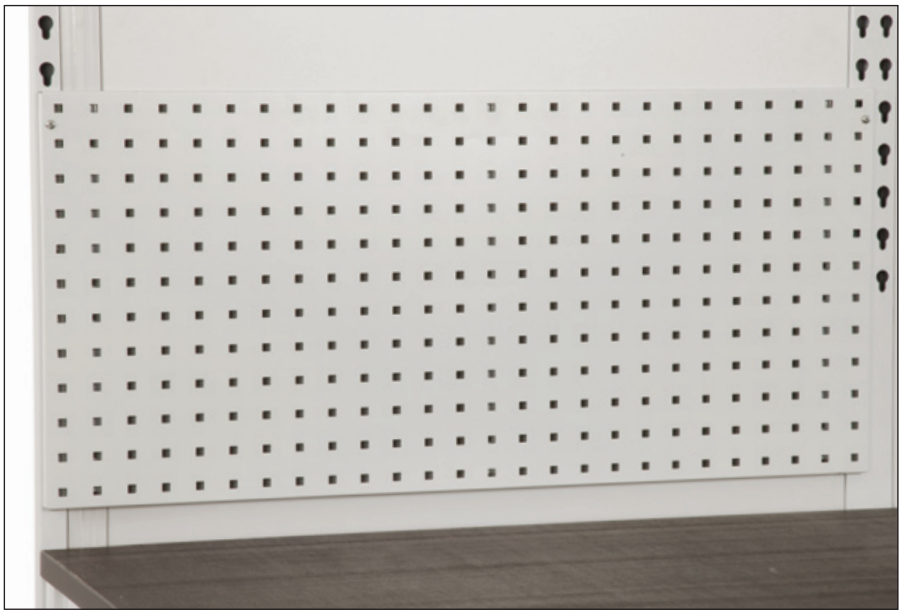
	CODE
	PT 2000

Perforated Tool Panels

This half length perforated tool panel locks onto the keylock frame at a height to suit the user. There are a number of tool hook and tool bracket kits to choose from.

	CODE
 455 1000	KL PTP





BOTT Mobile Tool Cupboards

BOTT mobile tool cupboards have 125mm castors (two with brakes), roller bearing drawers with 40kg U.D.L. capacity and central locking. The top tray has an inlaid mat and dividers are available for the drawers.

CODE	CODE
169 13 030 11V	169 13 220 11V
CONTENTS	CONTENTS
2 x 75mm drawers 3 x 125mm drawers 1 x 175mm drawer	4 x 175mm drawers Cupboard with shelves

Adjustable CPU Holder

This fully adjustable holder allows CPU's to be stored off the floor and clear of the worksurface. It is easily adjusted to accommodate CPU's that are between 380 and 525mm in height and between 100 and 210mm in width.

CODE	AJ CPU

Keylock Monitor Arms

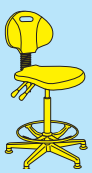
This unit locks onto the keylock facility frame at a height to suit and has knuckle jointed dual beam arms fitted with cable clamps and a universally jointed VESA mounting bracket.

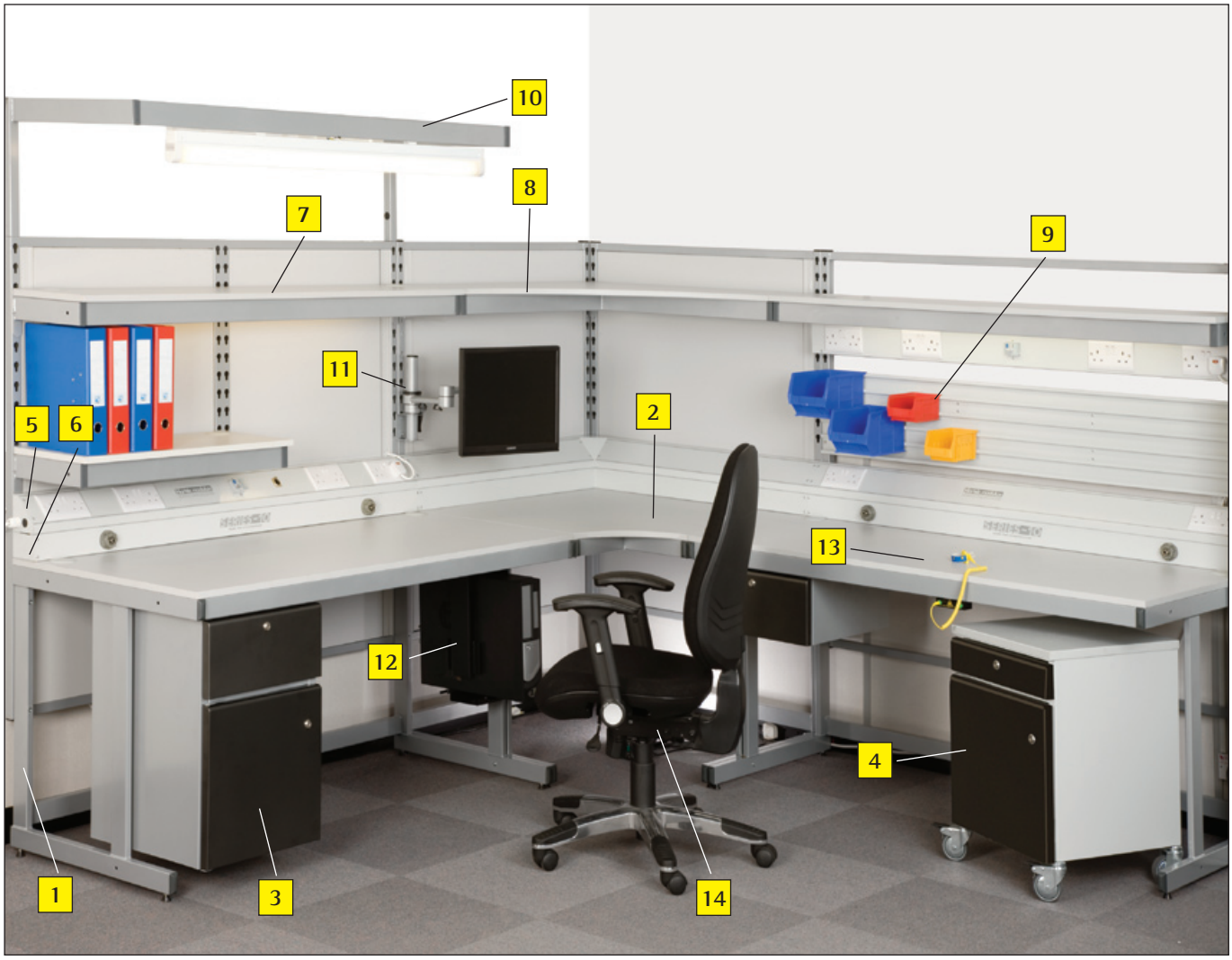
CODE	KL MA

Engineering Seating

When seating is required in engineering environments, cushioned polyurethane is ideal because it is comfortable to use and easy to wash clean. Both the chair and the stool are designed for use with standing height benches and therefore are fitted with footrings.

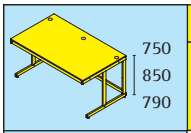
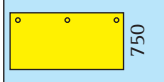
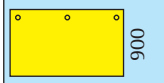
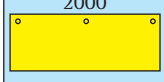
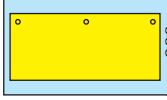
The T3 chair has fully ergonomic adjustment including gas lift height adjustment, seat tier, back seat height and rake adjustments. The PS3 AFR stool has no back rest and therefore only has gas lift height adjustment.

CODE	CODE
P3	PS3 AFR
	



1 Cee-Line-Plus Workstations

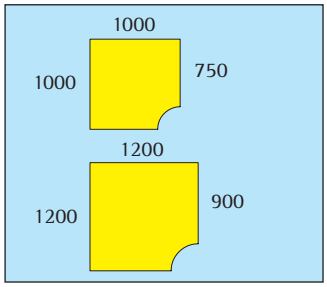
Nortek has been producing the Cee-Line-Plus Workstation Range for over 10 years supplying the UK's Electronics Industry, Universities and the Metropolitan Police Electronics labs. This proven versatile system can be installed in a multitude of configurations and fitted with a wide range of accessories to suit many electronic laboratory applications.

 750 850 790	CODE	
	Standard Laminate	Static Dissipative
 750	CLP 1575	CLP 1575 S
 900	CLP 1590	CLP 1590 S
 2000 750	CLP 2075	CLP 2075 S
 900	CLP 2090	CLP 2090 S

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

2 Corner Tables

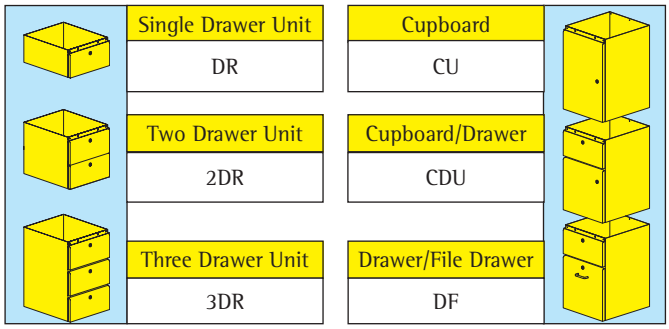
Corner tables are used to connect adjacent workstations providing a continuous worksurface in 'L' shaped configurations. They are available in the two sizes with standard & static dissipative surfaces.



CODE	
Standard Laminate	CT 1010
Static Dissipative	CT 1010S
Standard Laminate	CT1212
Static Dissipative	CT1212S

3 Cupboard and Drawer Units

Cee-Line-Plus Workstations can be equipped with a choice of six cupboard and drawer units on RH and LH sides.

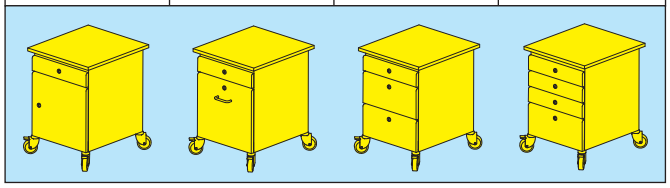


Single Drawer Unit	DR
Two Drawer Unit	2DR
Three Drawer Unit	3DR
Cupboard	CU
Cupboard/Drawer	CDU
Drawer/File Drawer	DF

4 Mobile Cupboard and Drawer Units

Mobile Cupboard/Drawer units are sometimes preferable to fixed units with a choice of four standard modules.

CODES & DESCRIPTION			
Small Drawer and Cupboard	Small drawer and File unit	One small & two large drawers	Three small and one large drawers
1SD CU M	1SD FU M	1SD 2LD M	3SD 1LD M



5 Worksurface Power Trunking

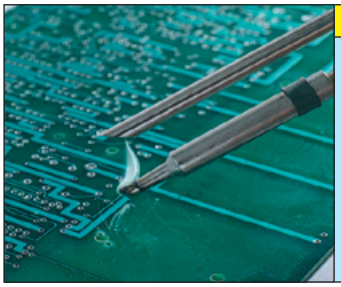
Triangular steel trunking fitted with four twin 13A switched sockets. Also optional RCD, pneumatic check units and RJ45 socket. Available in two standard lengths and two corner units.

TYPES	CODES	POWER	ACCESSORIES
1500	PT 1500	Four twin 13A switched sockets	RCD Pneumatics RJ45 socket
2000	PT 2000		
1000 SQ.	CJS 1000		
1200 SQ.	CJS 1200		

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

6 Solder Fume Extraction System

This add-on rectangular trunking section fits under the power trunking connecting back to a vacuum pump. It contains ducting and twin surface connections for soldering iron tip extraction.

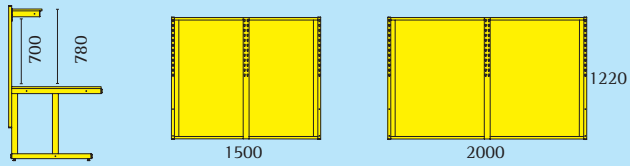


TYPES	CODES
1500	FE 1500
2000	FE 2000
1000 SQ.	CES 1000
1200 SQ.	CES 1200

7 Keylock Facility Frames

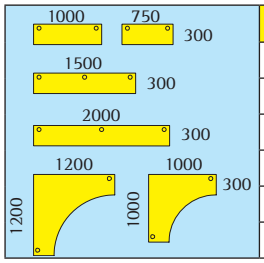
These bolt-on frames support shelves and other accessories as detailed later. Available as an open framework or fitted with flush mounted infill panels and all have vertical cable management.

CODES		
Open framework	KLFF 15 O	KLFF 20 O
Infill panelled	KLFF 15 C	KLFF 20 C

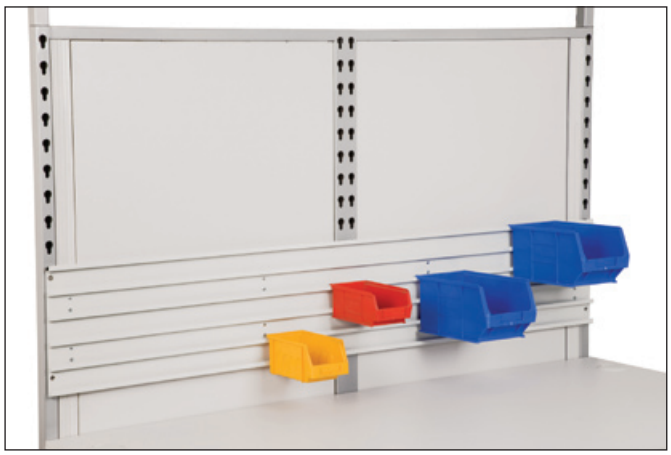


8 Keylock Shelves

These shelves lock onto the keylock facility frames which have mounting holes in 50mm increments in the height. There is a choice of half or full length shelves and corner units. Fluorescent light units can be fitted to the under side of the shelves.

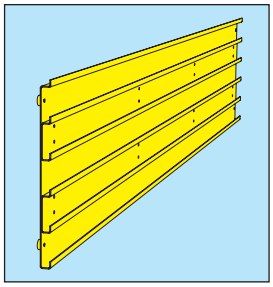


Size	CODES
750 x 300mm Half Shelf	KLS 7530
1000 x 300mm Half Shelf	KLS 1030
1500 x 300mm	KLS 1530
2000 x 300mm	KLS 2030
1000mm SQ. Corner Shelf	KLS 10 SQ
1200mm SQ. Corner Shelf	KLS 12 SQ



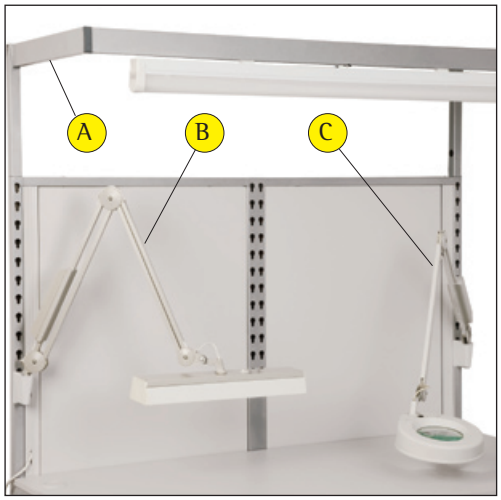
9 Keylock Binrail Units

These steel binrail units support most makes of plastic parts bins which have a rear mounting lip. They are available in half and full length units and generally mount low on the facility frames.



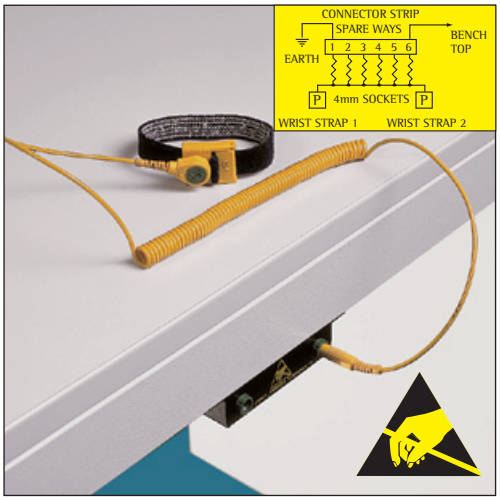
TYPES	CODE
750	KL BR 75
1000	KL BR 10
1500	KL BR 15
2000	KL BR 20

10 Additional Lighting



DESCRIPTION		CODES
A	Plug-in overhead light units	KL OHL 15 KL OHL 20
B	Keylock fitting task light	KL XL 51
C	Illuminated magnifier	KL XL 20

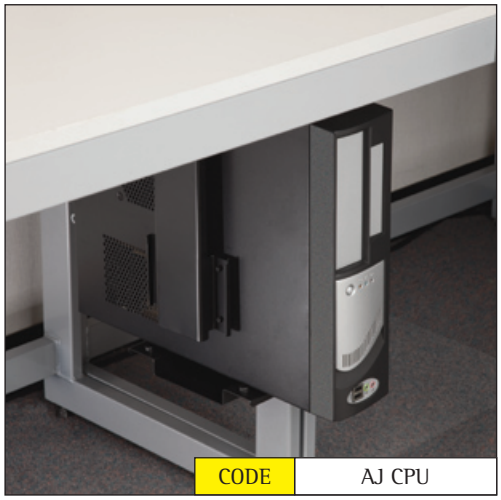
11 Static Control Facilities



This common ground wrist strap box connects the static conductive work surface and other accessories to earth via a resistor network. It has two frontal wrist strap sockets (snap connectors also available).

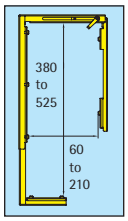
CODE	GWSB

12 Fully Adjustable CPU Holder



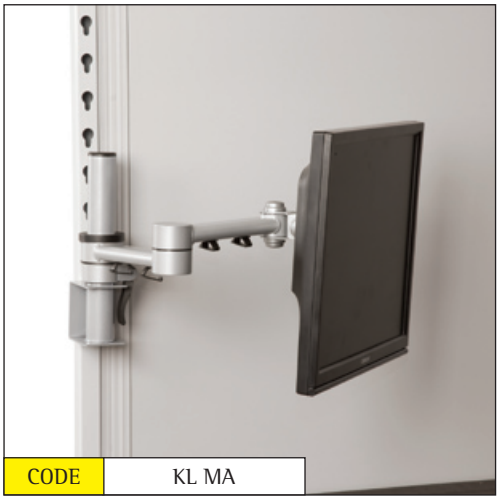
CODE	AJ CPU

CPUs can be fitted onto either the left or righthand sides of the workstations in these fully adjustable CPU holders.



This dual beam monitor arm unit fits at any height on the keylock facility frame and has a standard VESA monitor mounting plate.

13 Keylock Monitor Arms



CODE	KL MA

14 Seating

We supply a wide range of technical seating for electronic laboratory use both in conventional materials and static conductive materials.

All technical chairs we supply are of a high quality an ergonomically designed to provide maximum user comfort. There is a choice of optional adjustments available as well as the normal gas spring height adjustment.

Shown opposite is a BACKRITE static conductive highchair with brake loaded static conductive castors and a non-conductive KINETIC chair.

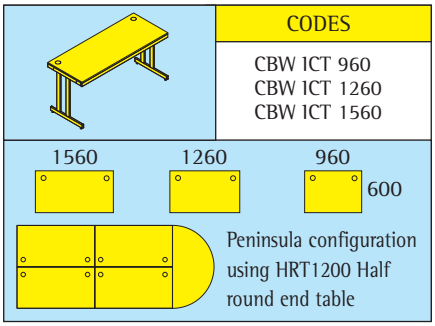
CODES	
BACKRITE 2025 SC	KINETIC KX2

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

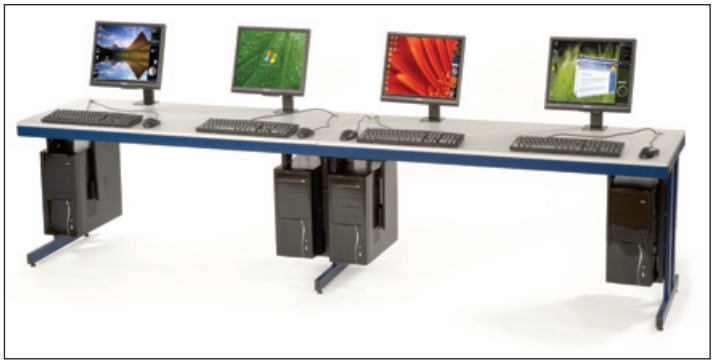
CBW Economy ICT Workstations

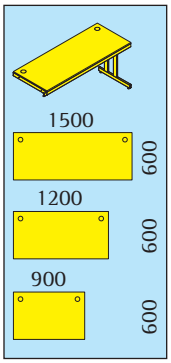
The cost effective option

Our CBW ICT Cantilever workstations provide a cost effective solution for furnishing ICT areas. The workstations have a fully welded heavy duty tubular steel framework. The top is provided with two cable ports which carry the keyboard and mouse cables. There is also a formed steel mesh cable trough under the rear of the top to store power blocks plus cable management, power and network cables neatly. This runs the full length and allows end to end connections with adjacent workstations. Available in 725mm senior and 650mm junior heights.



CBW Economy ICT EX Extension Workstation



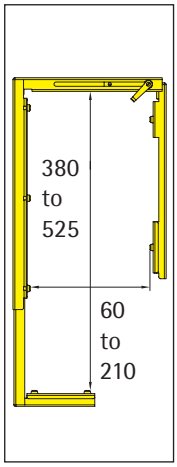


This range also includes extension workstations which are used where rows are to be installed. The adjustable CPU holders can be fitted to both sides of the centre leg frame in that case. Any number of extension workstations can be attached to the initial free standing unit.

Monitor Stand

We manufacture a cost effective monitor stand which attaches to the workstation surface and has a universal jointed VESA mounting bracket.

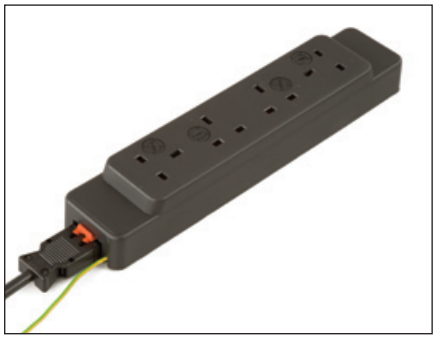
Fully adjustable CPU holders



Cable management

The cable management stores cables and the power block which we recommend are attached with cable ties. Vertical cable management is also available in rear legs.

Computer power supply blocks



We supply ICT power supply blocks conforming with BS 6396 which have four individually fused 3.15 amp sockets and separate earth.

Contact sales on 01260 298321 or sales@nortekgroup.co.uk Prices on pages 33-36

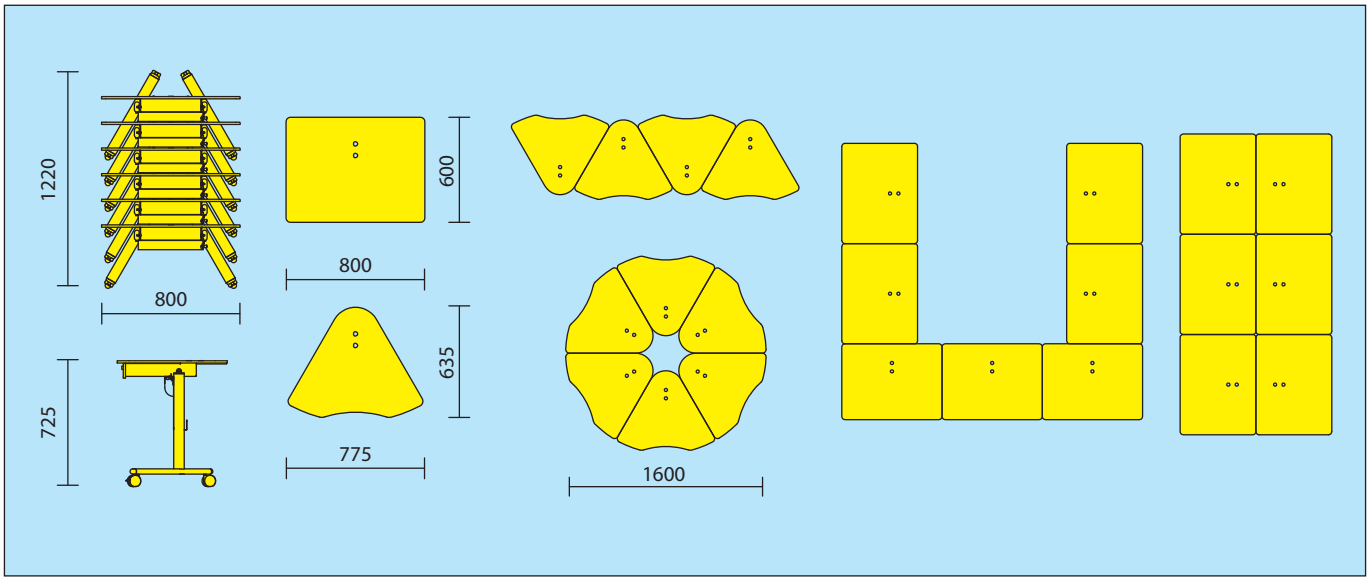
Kinetic Multifunction Laptop Workstation

KINETIC is a unique mobile ICT Workstation which is designed specifically for Laptop computer use. It has a compartment under the top to store the Laptop for its dual function of written work.

KINETIC is designed to allow the Laptop computers to be used with mains power from floor services or a service column and also from wall services when configured into a semi-circle. The transformer stores into a channel at the base of the modesty panel and the low voltage cable can either go through surface of the top or through into the storage compartment. There is also an optional locking drawer available.

KINETIC is designed to be arranged in circular and semi-circular configurations plus facing rows. It has a flip top which allows numbers of KINETIC workstations to be stored in a small area when not in use.

As well as the standard triangular top it is also available with a 800mm x 600mm rectangular top both of which are made in off-white Trespa



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Kinetic Multifunction Laptop Workstation

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